

Converting Colors

XYZ(68.5308, 69.9915, 53.0727)

Have a look what the booklet for
XYZ(68.5308, 69.9915, 53.0727)
contains.

| | |
|--|----|
| XYZ(68.5604, 70.0892, 53.0951) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(68.5604, 70.0892,
53.0951)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F1D6B4 |
| RGB | 241, 214, 180 |
| RGB Percent | 95%, 84%, 71% |
| CMY | 0.0549, 0.1608, 0.2941 |
| CMYK | 0.00, 0.11, 0.25, 0.05 |
| HSL | 33°, 69%, 83% |
| HSV | 33°, 25%, 95% |
| XYZ | 68.5604, 70.0892, 53.0951 |
| YIQ | 218.1970, 27.0060, -4.8500 |

Conversions

Conversions Part 2

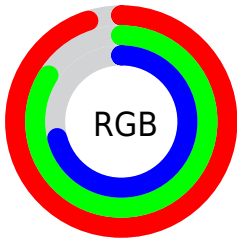
| Format | Color |
|-------------------------------------|---|
| RYB | 228, 241, 180 |
| Decimal | 15849140 |
| CIELab | 87.04, 4.28, 20.24 |
| CIELCh | 87, 20.683, 78.068 |
| Yxy | 70.0892, 0.3576, 0.3655 |
| Android (android.graphics.Color) | 4294039220 (0xFFFF1D6B4) |
| YUV | 218.1970, -18.8311, 19.9982 |
| Hunter-Lab | 83.7193, -0.3294, 21.0016 |

Details

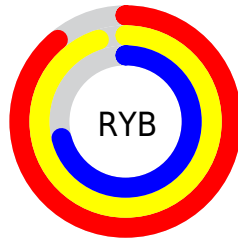
The XYZ color **68.5604, 70.0892, 53.0951** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.0119, 60.6782, 91.9265**, and the grayscale version is **66.8908, 70.3744, 76.6377**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **35.9961, 36.5189, 25.2303** is the 20% darker color. If you saturate the color by 10%, you get **63.7047, 63.9708, 40.3989**, and if you desaturate by 10%, it is **74.0235, 76.7382, 68.1013**.

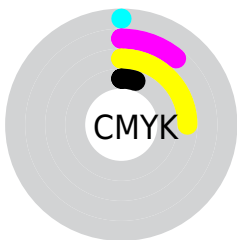
Distribution



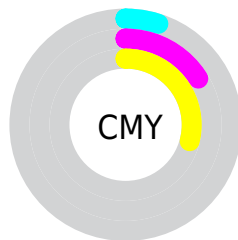
- Red (95%)
- Green (84%)
- Blue (71%)



- Red (89%)
- Yellow (95%)
- Blue (71%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)
- Black (5%)





- Cyan (5%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.5604, 70.0892, 53.0951 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 68.5604, 70.0892, 53.0951 by changing the saturation by 10% instead.


 68.5604, 70.0892,
53.0951

 68.5604, 70.0892,
53.0951

444.8246,
460.8631, 415.7265

 50.6291, 51.5993,
37.4904


 116.1910,
119.3360, 96.1873

 36.1334, 36.6857,
25.2887


146.6210,
150.8616, 124.5118

 24.7078, 24.9643,
16.0713


181.9480,
187.5012, 157.9135

 15.9871, 16.0504,
9.4197

222.5373,
229.6392, 196.8107

 9.6058, 9.5599,
4.9154

268.7542,
277.6600, 241.6221

 5.1986, 5.1081,
2.1398

320.9642,

 2.4002, 2.3108,

331.9480, 292.7662

0.6393

379.5326,
392.8876, 350.6615

■ 0.8452, 0.7794,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.5604, 70.0892,
53.0951

■ 68.5604, 70.0892,
53.0951

■ 63.7047, 63.9708,
40.3989

■ 74.0235, 76.7382,
68.1013

■ 59.4254, 58.3580,
29.8909

■ 80.1121, 83.9230,
85.5222

■ 55.6967, 53.2373,
21.4446

■ 86.8506, 91.6608,
105.4613

■ 52.4886, 48.5911,
14.9185

■ 90.0857, 97.4408,
108.6677

■ 49.7672, 44.3998,
10.1532

■ 47.4938, 40.6420,
6.9630

■ 45.6212, 37.2923,
5.1195

■ 44.8490, 35.8474,
4.5554

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0324, 70.0892, 58.1543



68.5604, 70.0892, 53.0951



63.7727, 70.0892, 53.6770

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.5604, 70.0892, 53.0951



58.1559, 70.0892, 84.8838



73.7839, 70.0892, 95.5479

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68.5604, 70.0892, 53.0951



57.0119, 60.6782, 91.9265

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.5460, 70.0892, 104.5624



68.5604, 70.0892, 53.0951



60.5901, 70.0892, 97.9108

Square

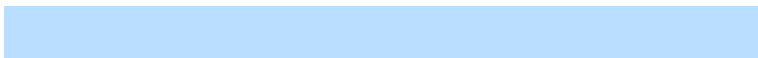
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.5604, 70.0892, 53.0951



57.9207, 70.0892, 70.9362



64.7120, 70.0892, 105.4760



76.1444, 70.0892, 81.9595

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.5604, 70.0892, 53.0951



61.0424, 70.0892, 57.1960



64.7120, 70.0892, 105.4760



72.5225, 70.0892, 99.2810

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68.5622, 70.0924, 53.0966



89.1250, 93.1297, 91.5730



63.9151, 55.8712, 66.7366



18.8493, 19.6667, 18.9469



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.5622, 70.0924, 53.0966



75.2211, 76.2843, 53.1429



74.9370, 84.3747, 55.5173



16.5036, 17.2204, 16.6038



24.4573, 19.7126, 2.5159



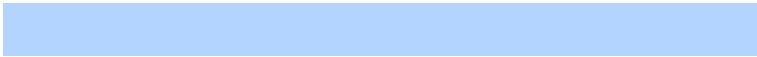
2.1336, 1.8380, 0.2423

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57.0119, 60.6782, 91.9265



60.1572, 64.0085, 103.7920



51.7396, 49.0678, 89.9634



15.4730, 16.3801, 20.0678



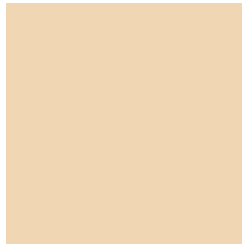
11.5709, 9.3661, 46.3259



1.0602, 0.9744, 3.8864

Previews

White Background



This preview shows how the XYZ color 68.5604, 70.0892, 53.0951 looks on a white background.

Color Contrast Check

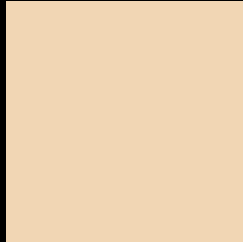
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 68.5604, 70.0892, 53.0951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

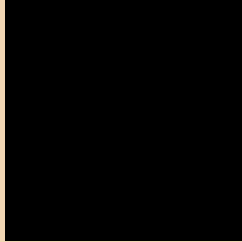
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.5604, 70.0892, 53.0951

Background



This preview shows how black text looks on a background with the XYZ color 68.5604, 70.0892, 53.0951.



This preview shows how white text looks on a background with the XYZ color 68.5604, 70.0892,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

68.5604, 70.0892, 53.0951

Protanopia

66.1480, 70.3432, 54.3472

Deuteranopia

71.5320, 70.1248, 53.4814



Tritanopia

74.0165, 70.0864, 80.1479

Trichromacy



Original Color

68.5604, 70.0892, 53.0951

Protanomaly

67.0850, 70.4543, 53.7793

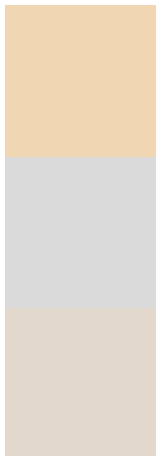
Deuteranomaly

70.3462, 69.8812, 53.4968

Tritanomaly

71.7400, 69.8803, 69.3817

Monochromacy



Original Color

68.5604, 70.0892, 53.0951

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.0760, 70.1541, 67.1326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5604, 70.0892, 53.0951 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(241, 214, 180)` looks like.

```
.text, #text, p{  
    color:rgb(241, 214, 180)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(241, 214, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 214, 180) }
```

Border

The CSS property to change the border of an element to XYZ 68.5604, 70.0892, 53.0951 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(241, 214, 180) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(241, 214, 180) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(241, 214, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 214, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 214, 180);  
box-shadow:4px 4px 4px 4px rgb(241, 214,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5604, 70.0892, 53.0951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 214, 180) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(241,  
214, 180) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor